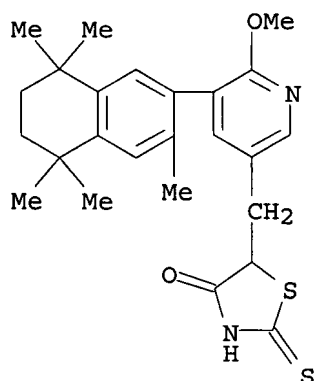


NAME)
 FS 3D CONCORD
 MF C25 H30 N2 O2 S2
 SR CA
 LC STN Files: CA, CAPLUS, USPAT2, USPATFULL



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> fil caplus

COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	331.74	331.95

FILE 'CAPLUS' ENTERED AT 10:51:15 ON 20 SEP 2005
 USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
 PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
 COPYRIGHT (C) 2005 AMERICAN CHEMICAL SOCIETY (ACS)

Copyright of the articles to which records in this database refer is held by the publishers listed in the PUBLISHER (PB) field (available for records published or updated in Chemical Abstracts after December 26, 1996), unless otherwise indicated in the original publications. The CA Lexicon is the copyrighted intellectual property of the American Chemical Society and is provided to assist you in searching databases on STN. Any dissemination, distribution, copying, or storing of this information, without the prior written consent of CAS, is strictly prohibited.

FILE COVERS 1907 - 20 Sep 2005 VOL 143 ISS 13
 FILE LAST UPDATED: 19 Sep 2005 (20050919/ED)

New CAS Information Use Policies, enter HELP USAGETERMS for details.

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s l4

L5 1 L4

=> d fbib abs fhitr

L5 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2005 ACS on STN
 AN 2001:167984 CAPLUS
 DN 134:222707
 TI Preparation of benzylidene-thiazolidinediones and analogs as antidiabetics
 IN Pfahl, Magnus; Tachdjian, Catherine; Al-Shamma, Hussien A.; Fanju, Andrea;
 Pleyner, David P. N.; Spruce, Lyle W.
 PA Maxia Pharmaceuticals, Inc., USA
 SO PCT Int. Appl., 159 pp.
 CODEN: PIXXD2
 DT Patent
 LA English
 FAN.CNT 2

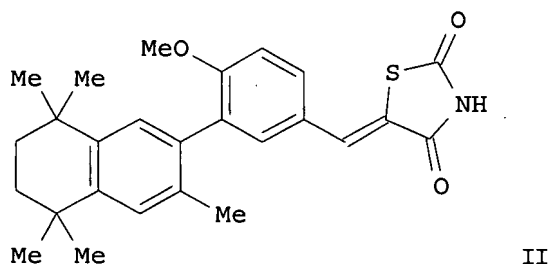
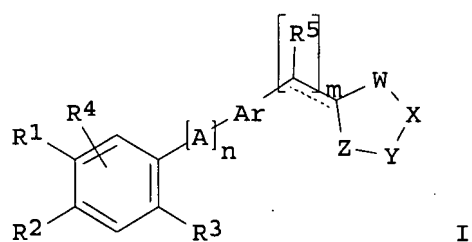
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 2001016122	A1	20010308	WO 2000-US24222	20000831
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
CA 2383347	AA	20010308	US 1999-151670P	P 19990831
			CA 2000-2383347	20000831
			US 1999-151670P	P 19990831
			WO 2000-US24222	W 20000831
EP 1214304	A1	20020619	EP 2000-957950	20000831
EP 1214304	B1	20050824		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL				
			US 1999-151670P	P 19990831
			WO 2000-US24222	W 20000831
US 6515003	B1	20030204	US 2000-652810	20000831
			US 1999-151670P	P 19990831
JP 2003508391	T2	20030304	JP 2001-519689	20000831
			US 1999-151670P	P 19990831
			WO 2000-US24222	W 20000831
BR 2000013671	A	20030610	BR 2000-13671	20000831
			US 1999-151670P	P 19990831
			WO 2000-US24222	W 20000831
NZ 517993	A	20040326	NZ 2000-517993	20000831
			US 1999-151670P	P 19990831
			WO 2000-US24222	W 20000831
NO 2002000960	A	20020422	NO 2002-960	20020227
			US 1999-151670P	P 19990831
			WO 2000-US24222	W 20000831
ZA 2002002063	A	20030313	ZA 2002-2063	20020313
			US 1999-151670P	P 19990831
ZA 2002002064	A	20030313	ZA 2002-2064	20020313
			US 1999-151670P	P 19990831
US 2003153606	A1	20030814	US 2002-334932	20021231
US 6765013	B2	20040720		
			US 1999-151670P	P 19990831
			US 2000-652810	A1 20000831
US 2005070581	A1	20050331	US 2004-894411	20040719

US 1999-151670P P 19990831
 US 2000-652810 A1 20000831
 US 2002-334932 A1 20021231

PATENT FAMILY INFORMATION:

FAN 2001:167985

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 2001016123	A1	20010308	WO 2000-US24348	20000831
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
CA 2384194	AA	20010308	US 1999-151670P	P 19990831
			CA 2000-2384194	20000831
			US 1999-151670P	P 19990831
			WO 2000-US24348	W 20000831
EP 1214305	A1	20020619	EP 2000-961550	20000831
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL				
			US 1999-151670P	P 19990831
US 6515003	B1	20030204	WO 2000-US24348	W 20000831
			US 2000-652810	20000831
JP 2003531104	T2	20031021	US 1999-151670P	P 19990831
			JP 2001-519690	20000831
			US 1999-151670P	P 19990831
			WO 2000-US24348	W 20000831
ZA 2002002063	A	20030313	ZA 2002-2063	20020313
			US 1999-151670P	P 19990831
ZA 2002002064	A	20030313	ZA 2002-2064	20020313
			US 1999-151670P	P 19990831
US 2003153606	A1	20030814	US 2002-334932	20021231
US 6765013	B2	20040720		
			US 1999-151670P	P 19990831
			US 2000-652810	A1 20000831
US 2005070581	A1	20050331	US 2004-894411	20040719
			US 1999-151670P	P 19990831
			US 2000-652810	A1 20000831
			US 2002-334932	A1 20021231
OS MARPAT 134:222707				
GI				



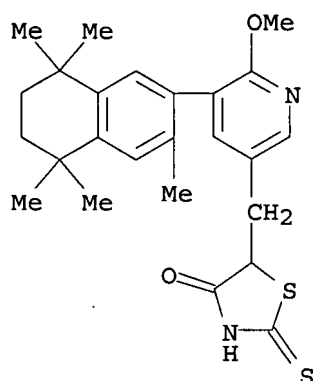
AB The title compds. [I; n, m = 0-1; R1, R2 = H, alkyl, haloalkyl, etc.; R1 and R2 together with the aromatic ring bonded thereto form (un)substituted cycloalkyl, cycloalkenyl that may optionally comprise 1 or 2 heteroatoms selected from O, S, NH, N(alkyl); R3, R4 = H, alkyl, haloalkyl, etc.; A = CR6R7 (R6, R7 = H, alkyl, alkoxy, etc.; CR6R7 = cycloalkyl that may optionally comprise 1 or 2 heteroatoms selected from O, S, NH and N(alkyl)); Ar = phenylene, pyridylidene; R5 = H, halo, OH, etc.; W, X, Y, Z = CO, CS, S, O, NH-residues that together form a 2,4-thiazolidinedione, 2-thioxo-4-thiazolidinone, isoxazolidinedione, etc.] which are useful in the treatment of diseases related to lipid and carbohydrate metabolism, such as type 2 diabetes, were prepared. Thus, reacting 3-bromo-4-methoxybenzaldehyde with (3,5,5,8,8-pentamethyl-5,6,7,8-tetrahydronaphthalen-2-yl)boronic acid in the presence of Pd(PPh3)4 and K2CO3 in 1,2-dimethoxyethane followed by reaction of the resulting intermediate with 2,4-thiazolidinedione in PhMe containing piperidine afforded the thiazolidinedione II. Biol. data such as glucose and triglyceride lowering activity of representative compds. I were given.

IT 329216-58-2P

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of benzylidene-thiazolidinediones and analogs as antidiabetics)

RN 329216-58-2 CAPLUS

CN 4-Thiazolidinone, 5-[[6-methoxy-5-(5,6,7,8-tetrahydro-3,5,5,8,8-pentamethyl-2-naphthalenyl)-3-pyridinyl]methyl]-2-thioxo- (9CI) (CA INDEX NAME)



RE.CNT 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

=>

=>

Executing the logoff script...

=> LOG H

COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
13.74	345.69

FULL ESTIMATED COST

13.74 345.69

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE	TOTAL
ENTRY	SESSION
-0.73	-0.73

CA SUBSCRIBER PRICE

-0.73 -0.73

SESSION WILL BE HELD FOR 60 MINUTES

STN INTERNATIONAL SESSION SUSPENDED AT 10:54:14 ON 20 SEP 2005

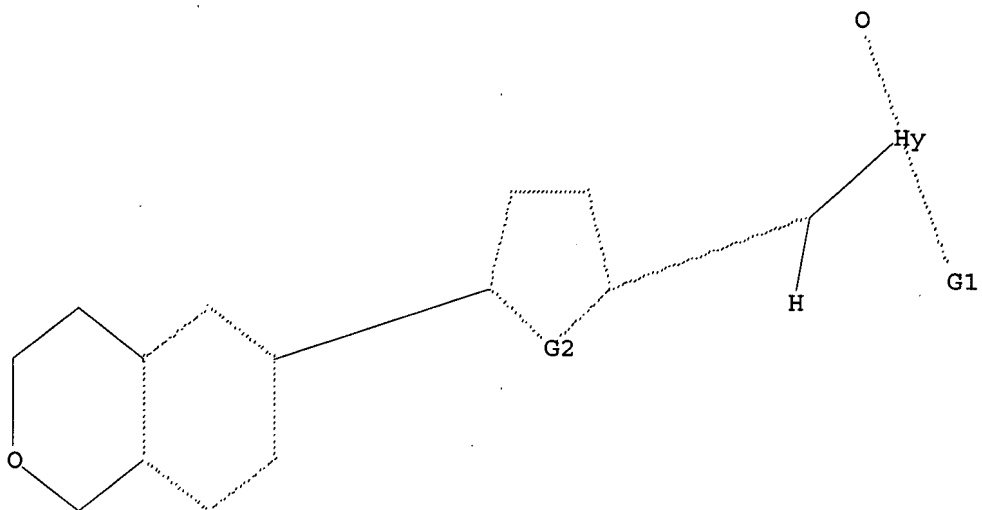
=>
Uploading C:\Program Files\Stnexp\Queries\rkc111h.str

L1 STRUCTURE UPLOADED

=> d

L1 HAS NO ANSWERS

L1 STR



G1 O,S

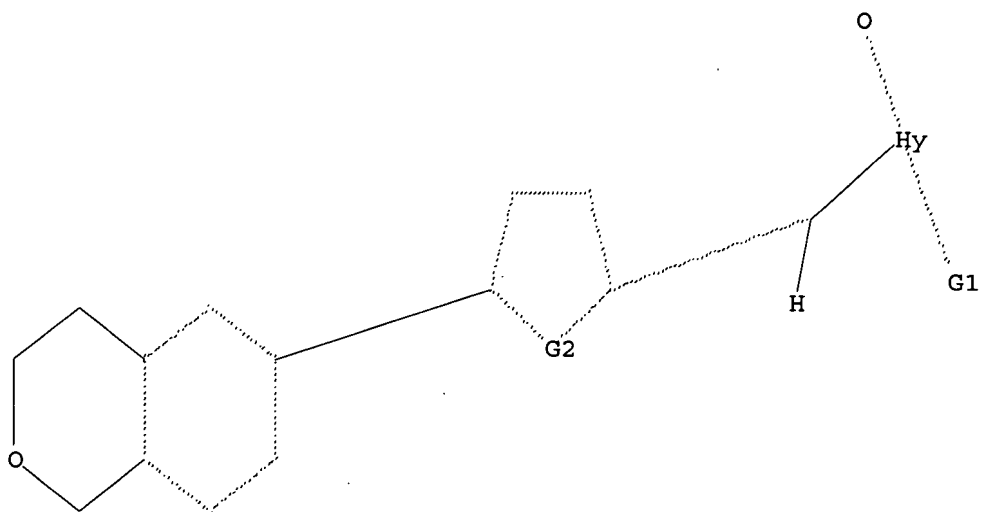
G2 O,S,N

Structure attributes must be viewed using STN Express query preparation.

=> d

L1 HAS NO ANSWERS

L1 STR



G1 O,S

G2 O,S,N

Structure attributes must be viewed using STN Express query preparation.

=> s l1 ful

FULL SEARCH INITIATED 13:57:49 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 18825 TO ITERATE

100.0% PROCESSED 18825 ITERATIONS

0 ANSWERS

SEARCH TIME: 00.00.01

L2

0 SEA SSS FUL L1